Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A hard-copy output device ~~including~~ , comprising:

a memory for storing location data[[,]];

~~a location-data input arrangement for receiving and storing location data in the memory,~~

a network interface[[,]]; and

an HTTP location server for receiving and storing location data in the memory and for responding to client requests received via the network interface to return location information comprising, or derived from, the location data stored in memory.

2. (currently amended) A device according to claim 1, wherein the ~~input arrangement~~ location server comprises a wireless interface for receiving the location data ~~and an input manager for storing in the memory location data received over the wireless interface~~.

3. (currently amended) A hard-copy output device ~~including~~ ,

comprising:

a wireless interface for receiving data[[,]];

a memory[[,]];

~~a location-data input manager for receiving location data via the wireless interface and storing it in the memory,~~

a network interface[[,]]; and

a location server for receiving location data via the wireless interface and storing it in the memory and for responding to client requests received via the network interface to return location information comprising, or derived from, the location data stored in memory.

4. (currently amended) A device according to claim 2 ~~or claim 3~~, wherein the ~~input manager~~ location server is operative to cause the form of the received location data to be converted from a first form to a second form prior to storage in said memory, one of the first and second forms being a semantic location form and the other a form based on geographic coordinates.

5. (currently amended) A device according to claim 4, wherein the ~~input manager~~ location server effects said conversion by using a conversion service which it contacts over the network.

6. (currently amended) A device according to claim 1 ~~any one of claims 1 to 3~~, wherein the location server is operative to cause the form of the stored location information to be converted from a first form to a second form for output in response to a said client request, one of the first and second forms being a semantic location form and the other a form based on geographic coordinates.

7. (original) A device according to claim 6, wherein the location server effects said conversion by using a conversion service which it contacts over the network.

8. (currently amended) A device according to claim 1 ~~or claim 2~~, wherein the received location data includes a reliability indicator which the ~~input manager~~ location server uses to determine whether or not to overwrite existing location data, if any, held in said memory.

9. (currently amended) A device according to claim 8, wherein the related reliability indicator is stored where the ~~input manager~~ location server decides to store the newly received location data~~, the related reliability indicator is also stored~~, the ~~input manager~~ location server when determining whether to store newly received location data, taking account of the relative reliabilities of the stored and newly received information as indicated by their related reliability indicators.

10. (currently amended) A device according to claim 9, wherein said reliability indicator indicates whether the location data has been received directly from an entity with a primary source of location data or from an entity which itself received the data from another entity, the ~~input manager~~ location server preferentially storing or retaining location data received directly from an entity with a primary source of location data.

11. (currently amended) A hard-copy output device ~~including~~ , comprising:

a memory[[,]]; and

a location ~~input subsystem~~ server for receiving location data and storing it in said memory[[,]] and

~~a location output subsystem~~ for accessing the stored location data and outputting it, the location server

~~at least one of the location input and output subsystems~~ being operative to convert the location data it handles between a first form and a second form, one of the first and second forms being a semantic location form and the other a form based on geographic coordinates.

12. (currently amended) A device according to claim 11, wherein the ~~input subsystem~~ location server receives location data in the form of geographic coordinates and converts the location

data into semantic form.

13. (currently amended) A device according to claim 11, wherein the ~~input subsystem~~ location server receives location data in semantic form and converts the location data into geographic coordinates.

14. (currently amended) A device according to claim 12 ~~or claim 13~~, wherein the ~~input subsystem~~ location server effects said conversion by using a remote conversion service.

15. (currently amended) A device according to claim 11, wherein the stored location data is in the form of geographic coordinates and the ~~output subsystem~~ location server converts this location data into semantic form before outputting it.

16. (currently amended) A device according to claim 11, wherein the stored location data is in the form of geographic coordinates and the ~~output subsystem~~ location server converts this location data into geographic coordinates before outputting it.

17. (currently amended) A device according to claim 15 ~~or claim 16~~, wherein the ~~output subsystem~~ location server effects said conversion by using a remote conversion service.

18. (currently amended) A device according to claim 11, further comprising a wireless output interface, the ~~output subsystem~~ location server being operative to output the location data via the wireless interface at intervals.

19. (currently amended) A device according to claim 11, further comprising a network interface, the ~~output subsystem~~ location server being operative to output said location data in response to a location request received over the network.